

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063023\
 Data File : VX036390.D
 Acq On : 30 Jun 2023 13:26
 Operator : JC/MD
 Sample : 03494-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jul 01 01:21:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

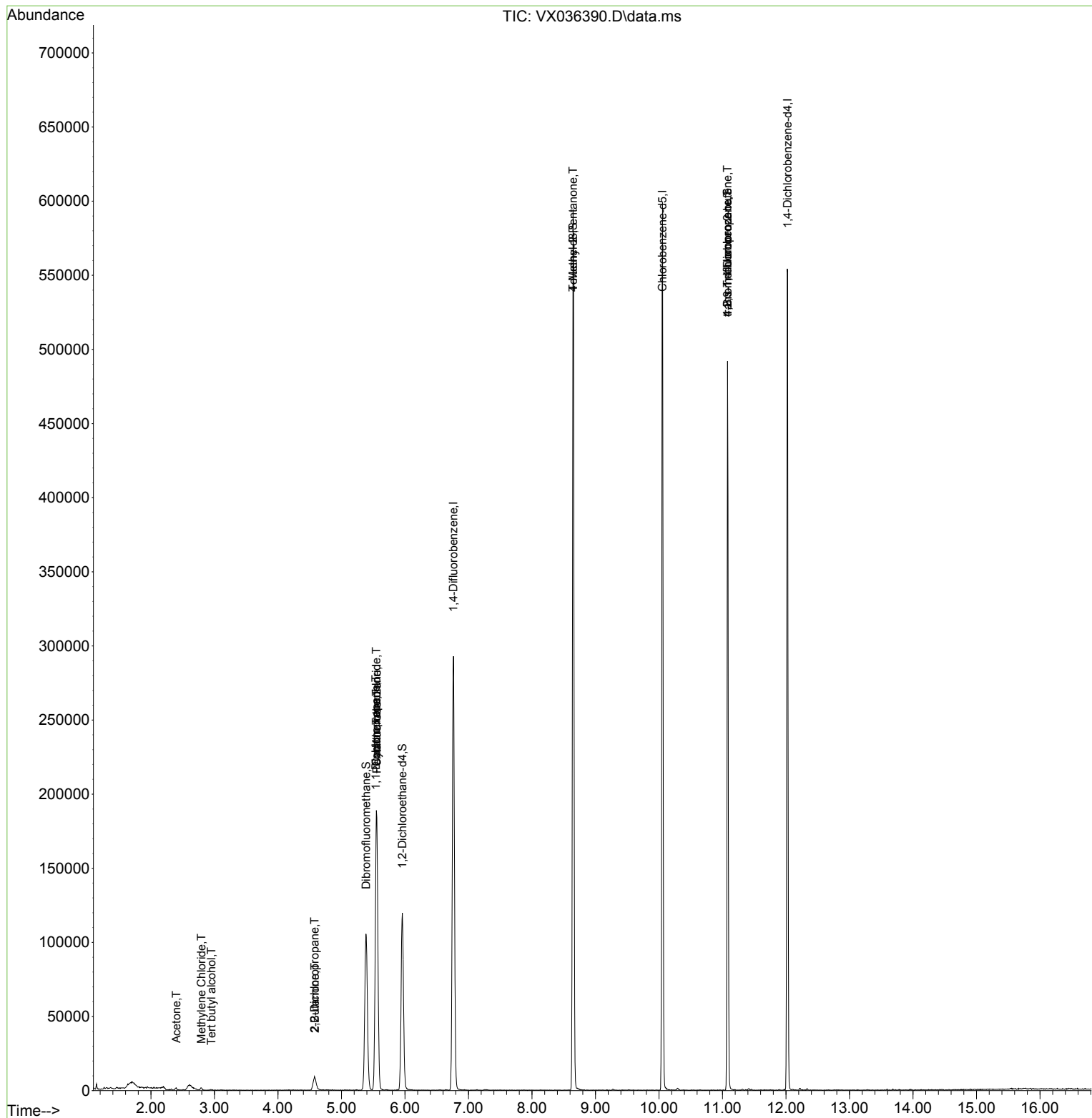
Internal Standards						
1) Pentafluorobenzene	5.556	168	179742	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	301203	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	265003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	114066	44.272	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.540%
35) Dibromofluoromethane	5.385	113	93617	47.137	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.280%
50) Toluene-d8	8.647	98	354013	47.724	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.440%
62) 4-Bromofluorobenzene	11.079	95	123909	47.423	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.840%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	211	0.450	ug/l #	78
16) Acetone	2.398	43	1837	1.668	ug/l #	55
20) Methylene Chloride	2.794	84	792	0.334	ug/l #	77
25) 2-Butanone	4.581	43	323	0.204	ug/l #	51
26) 2,2-Dichloropropane	4.574	77	618	0.222	ug/l #	54
31) Cyclohexane	5.550	56	3971	1.203	ug/l #	10
36) 1,1-Dichloropropene	5.544	75	14394	4.862	ug/l #	51
38) Carbon Tetrachloride	5.550	117	18667	6.904	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1658	0.535	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	64780	25.220	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	64780	82.211	ug/l #	5

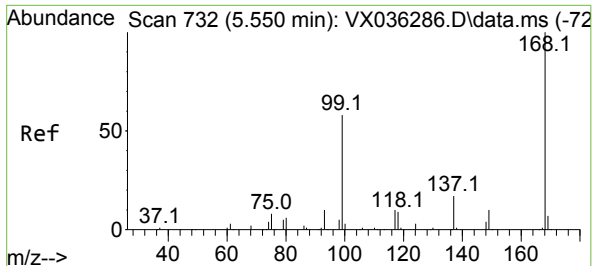
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063023\
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MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Quant Time: Jul 01 01:21:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration

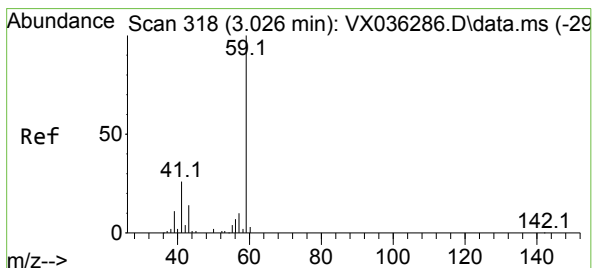
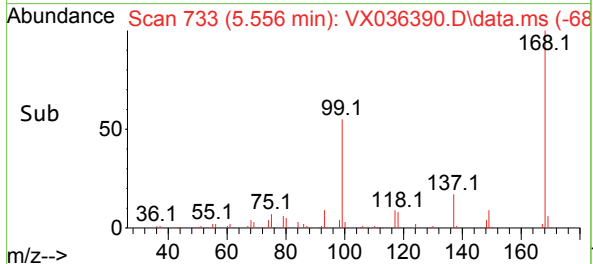
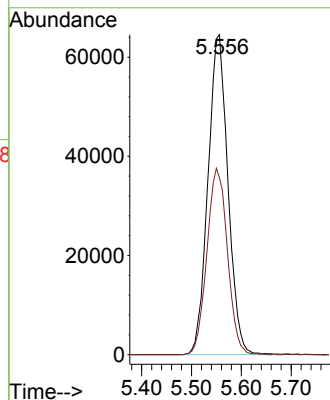
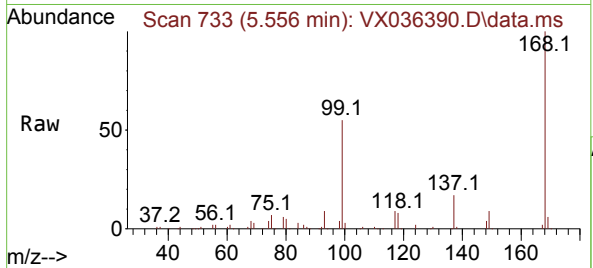




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036390.D
Acq: 30 Jun 2023 13:26

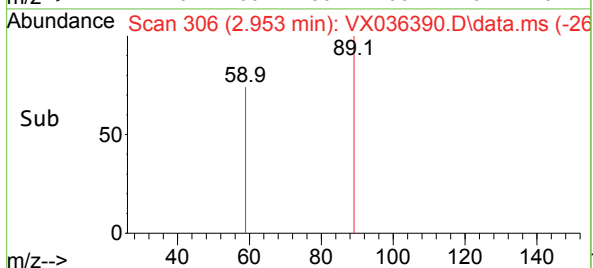
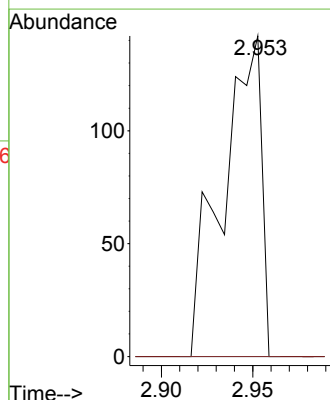
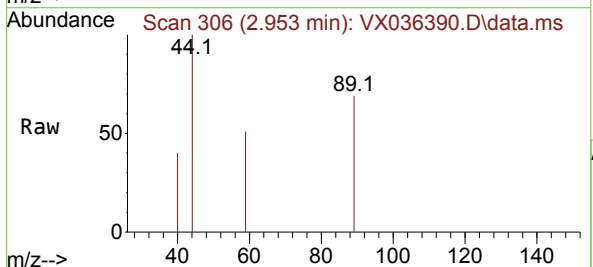
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

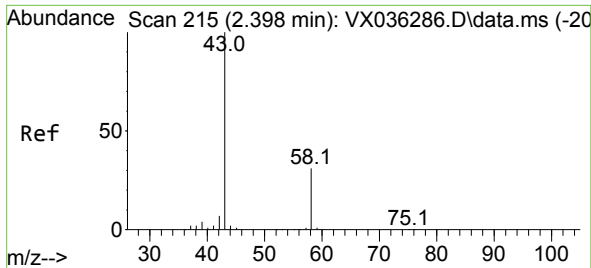
Tgt Ion:168 Resp: 179742
Ion Ratio Lower Upper
168 100
99 55.3 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.450 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.060 min
Lab File: VX036390.D
Acq: 30 Jun 2023 13:26

Tgt Ion: 59 Resp: 211
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

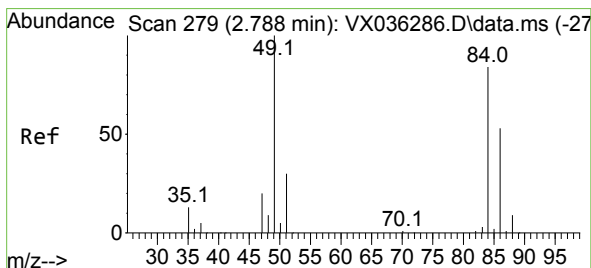
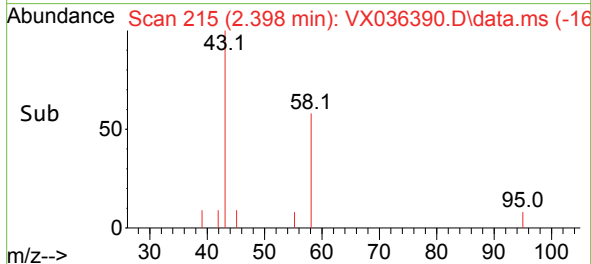
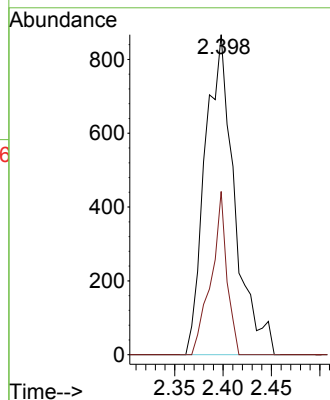
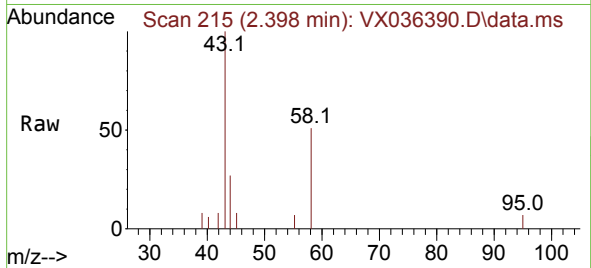




#16
Acetone
Concen: 1.668 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX036390.D
Acq: 30 Jun 2023 13:26

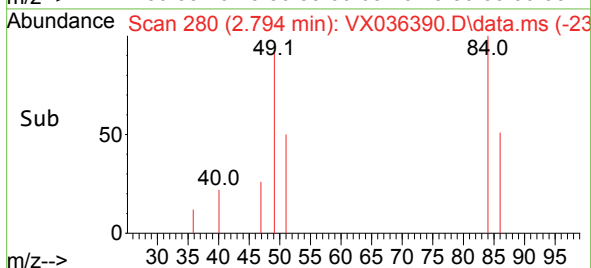
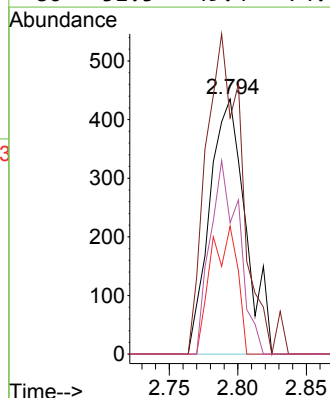
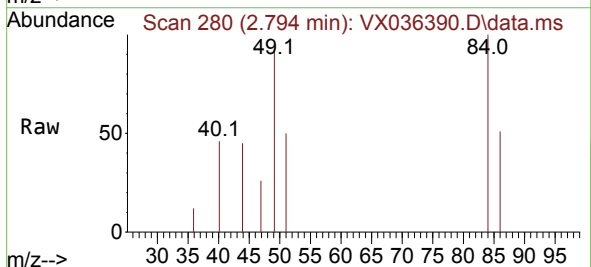
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-WATER-REF-5

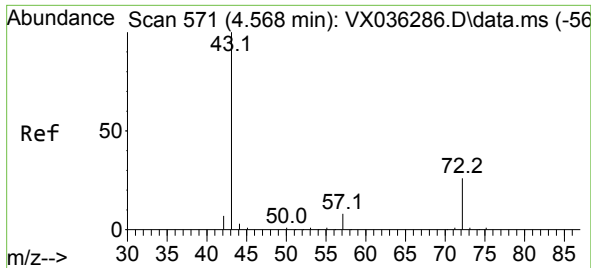
Tgt Ion: 43 Resp: 1837
Ion Ratio Lower Upper
43 100
58 51.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.334 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036390.D
Acq: 30 Jun 2023 13:26

Tgt Ion: 84 Resp: 792
Ion Ratio Lower Upper
84 100
49 92.6 103.6 155.4#
51 50.1 33.8 50.6
86 51.5 49.4 74.0

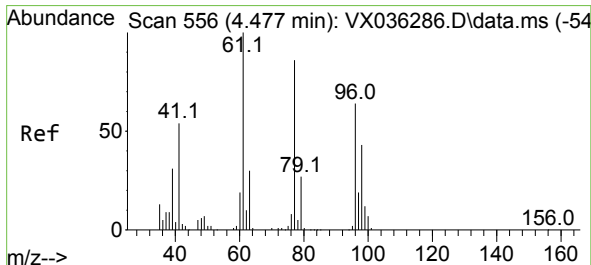
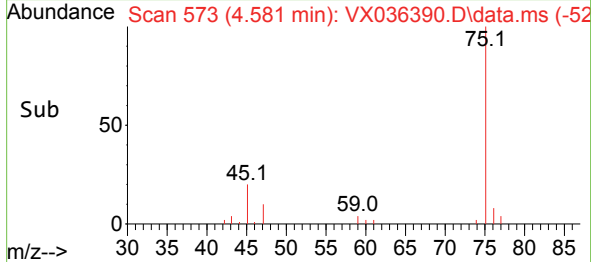
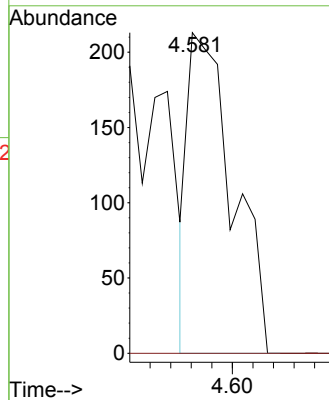
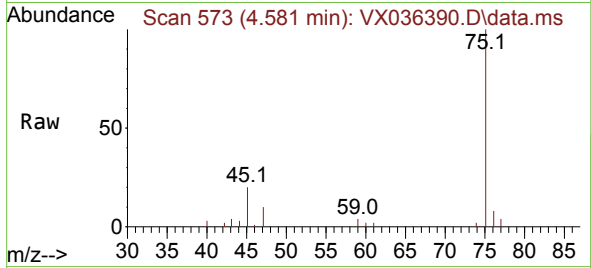




#25
2-Butanone
Concen: 0.204 ug/l
RT: 4.581 min Scan# 51
Delta R.T. 0.013 min
Lab File: VX036390.D
Acq: 30 Jun 2023 13:26

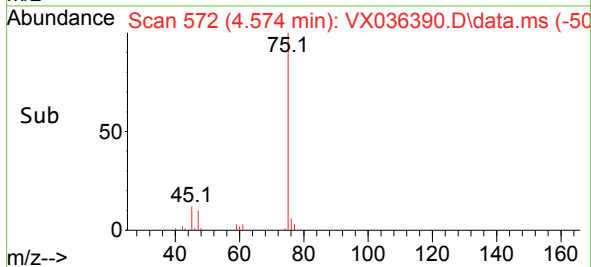
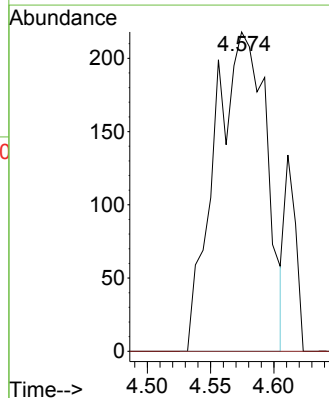
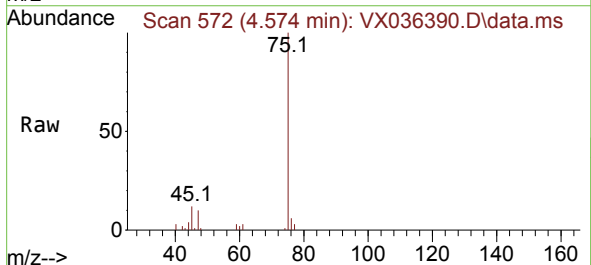
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

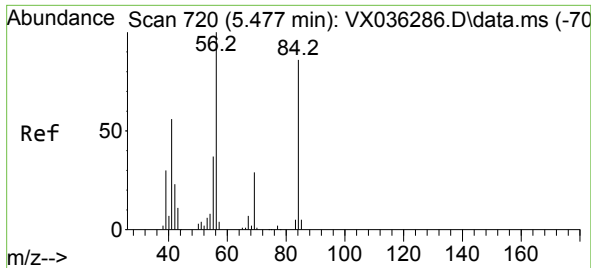
Tgt Ion: 43 Resp: 323
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 0.222 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.097 min
Lab File: VX036390.D
Acq: 30 Jun 2023 13:26

Tgt Ion: 77 Resp: 618
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#

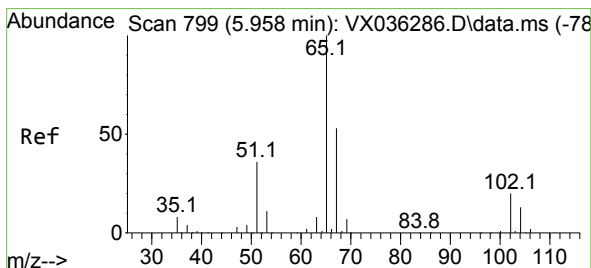
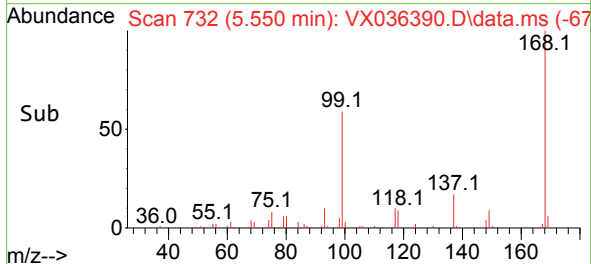
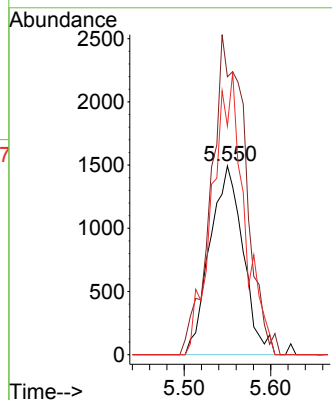
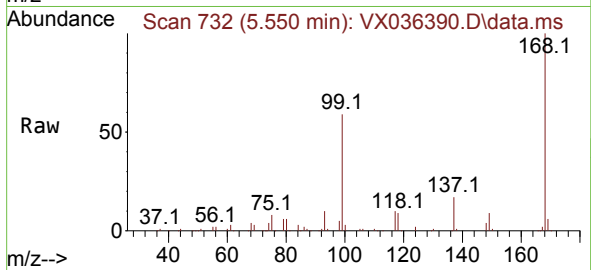




#31
Cyclohexane
Concen: 1.203 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.080 min
Lab File: VX036390.D
Acq: 30 Jun 2023 13:26

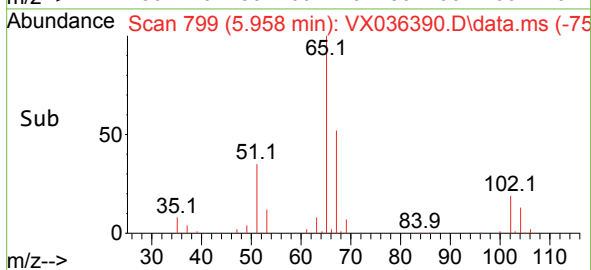
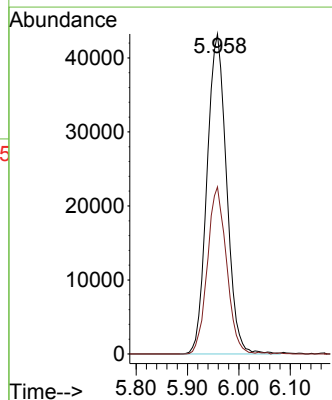
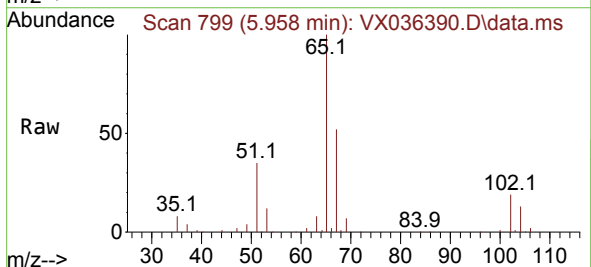
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

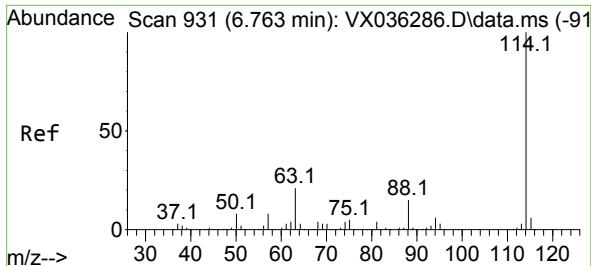
Tgt Ion: 56 Resp: 3971
Ion Ratio Lower Upper
56 100
69 147.2 23.4 35.2#
84 121.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.272 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036390.D
Acq: 30 Jun 2023 13:26

Tgt Ion: 65 Resp: 114066
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2

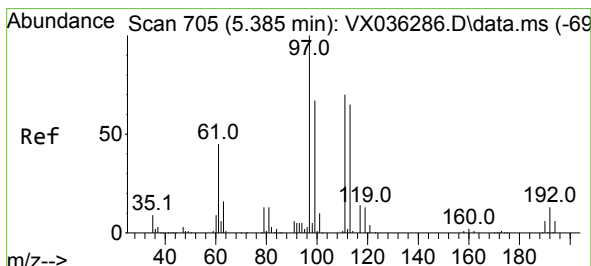
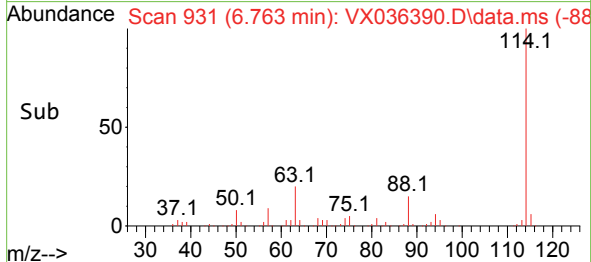
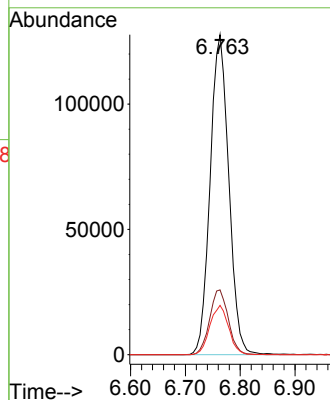
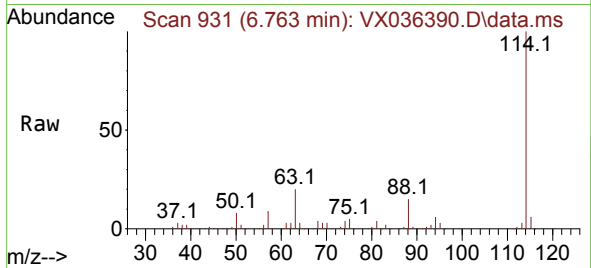




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX036390.D
Acq: 30 Jun 2023 13:26

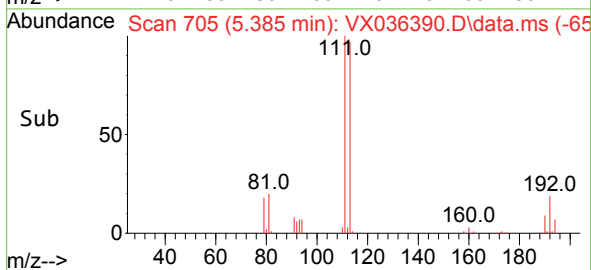
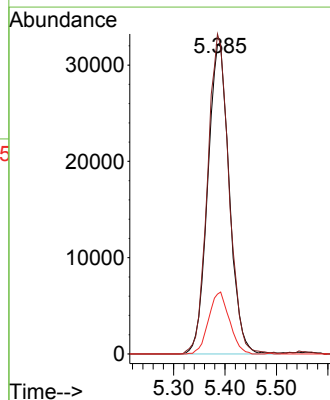
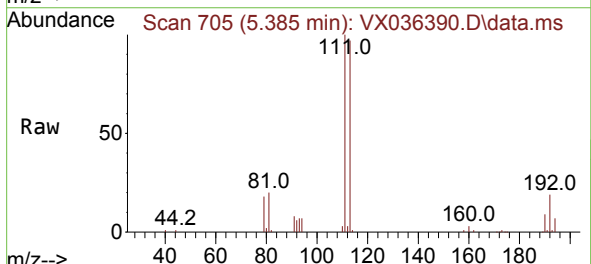
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

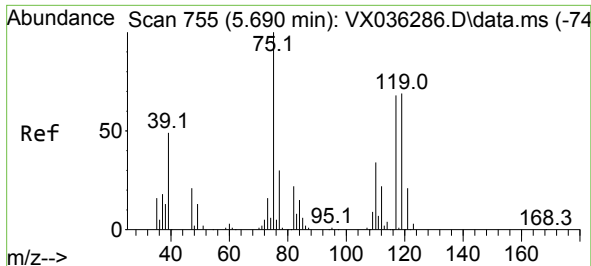
Tgt Ion:114 Resp: 301203
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.137 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036390.D
Acq: 30 Jun 2023 13:26

Tgt Ion:113 Resp: 93617
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 19.3 13.3 19.9

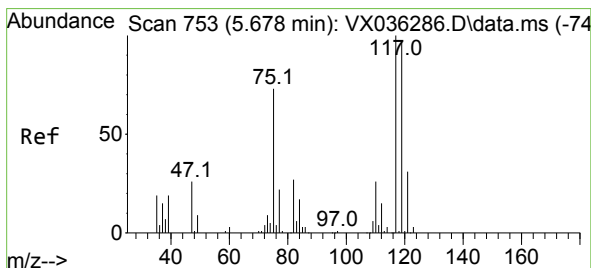
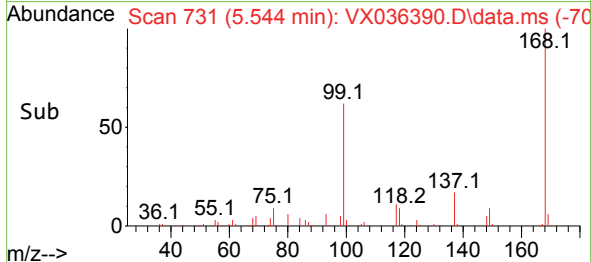
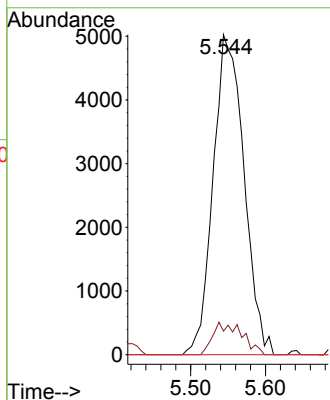
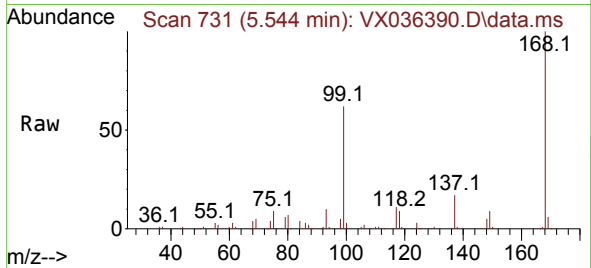




#36
1,1-Dichloropropene
Concen: 4.862 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX036390.D
Acq: 30 Jun 2023 13:26

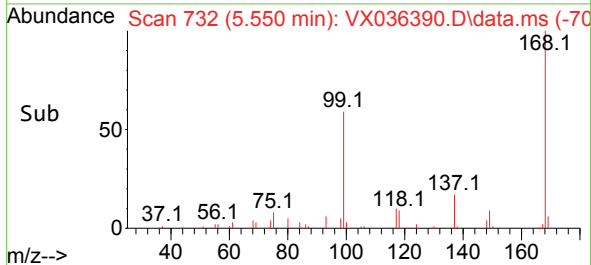
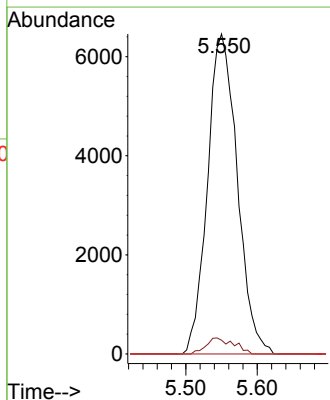
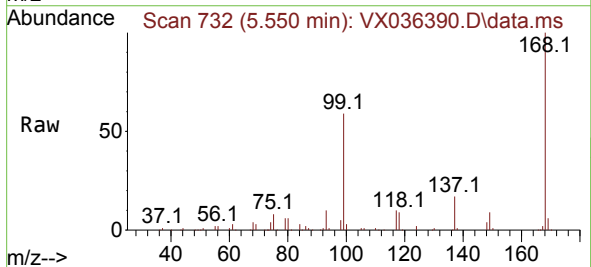
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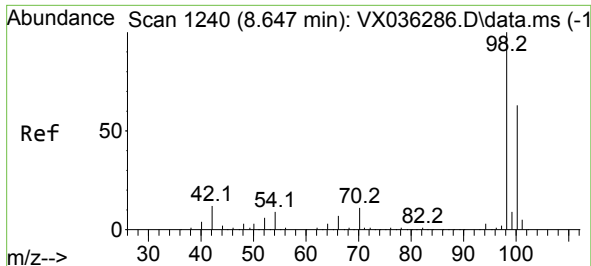
Tgt Ion: 75 Resp: 14394
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.904 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036390.D
Acq: 30 Jun 2023 13:26

Tgt Ion: 117 Resp: 18667
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#

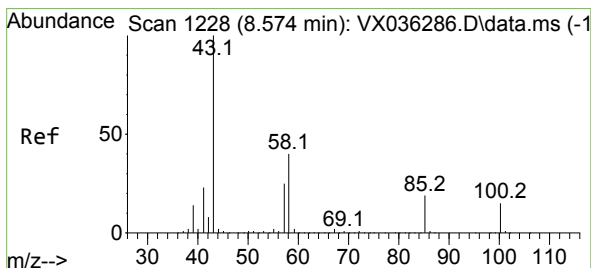
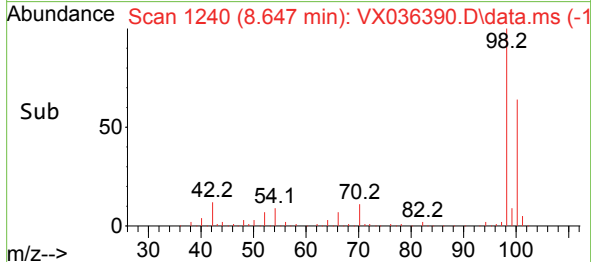
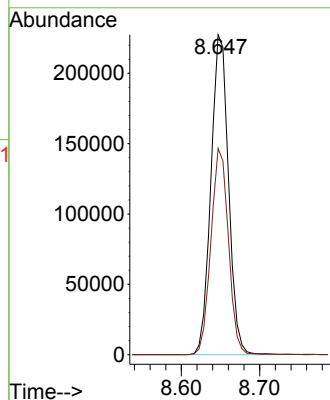
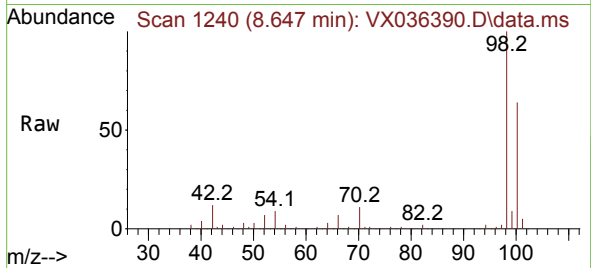




#50
Toluene-d8
Concen: 47.724 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036390.D
Acq: 30 Jun 2023 13:26

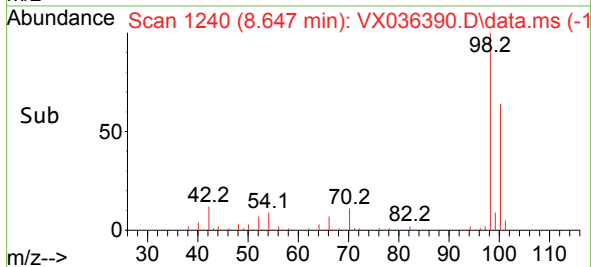
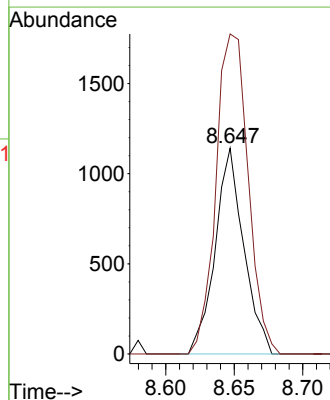
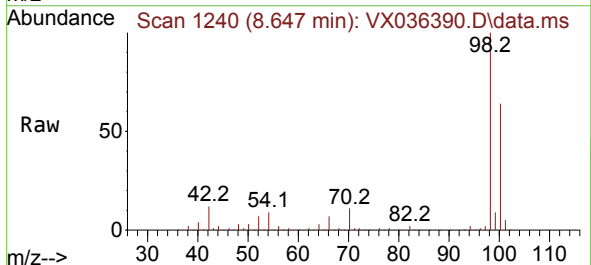
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

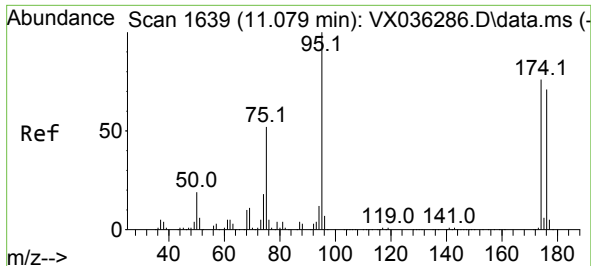
Tgt Ion: 98 Resp: 354013
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.535 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX036390.D
Acq: 30 Jun 2023 13:26

Tgt Ion: 43 Resp: 1658
Ion Ratio Lower Upper
43 100
58 175.2 30.4 45.6#

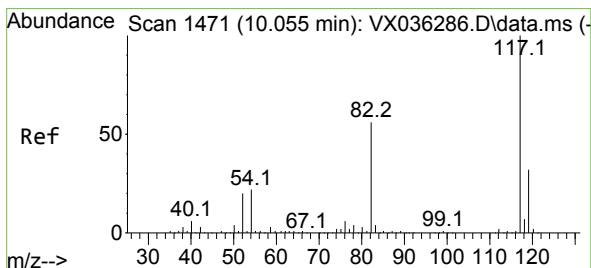
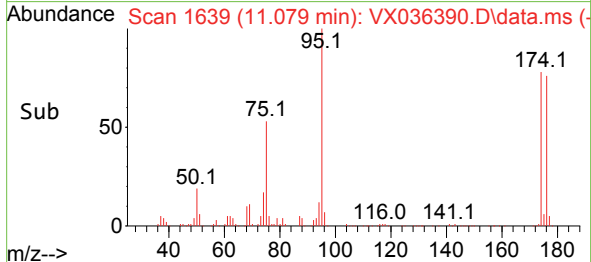
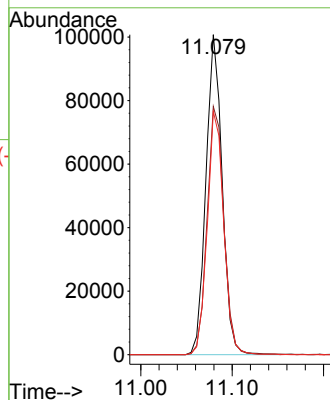
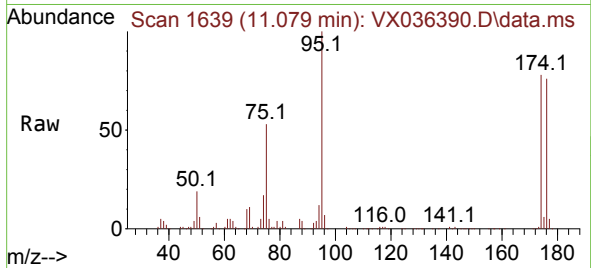




#62
4-Bromofluorobenzene
Concen: 47.423 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036390.D
Acq: 30 Jun 2023 13:26

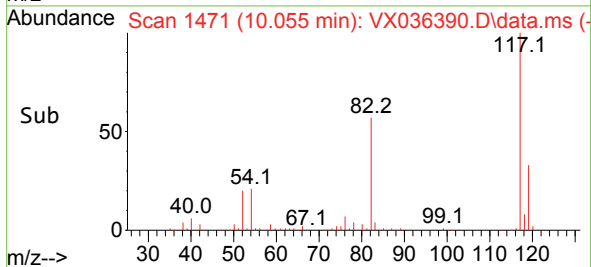
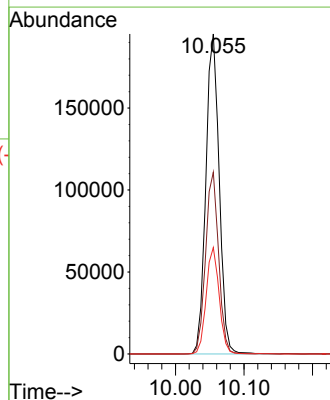
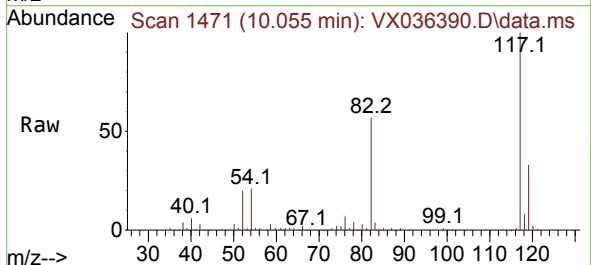
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

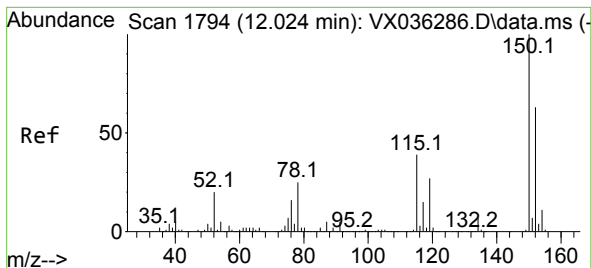
Tgt Ion: 95 Resp: 123909
Ion Ratio Lower Upper
95 100
174 80.3 0.0 135.6
176 77.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036390.D
Acq: 30 Jun 2023 13:26

Tgt Ion: 117 Resp: 265003
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 33.2 25.5 38.3

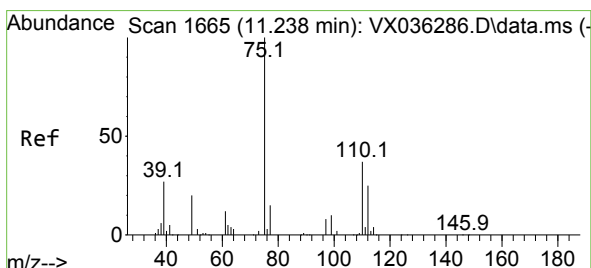
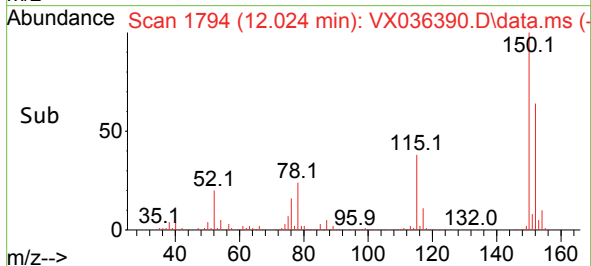
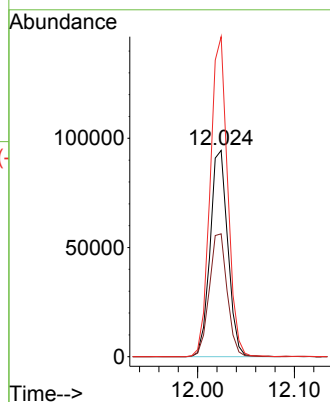
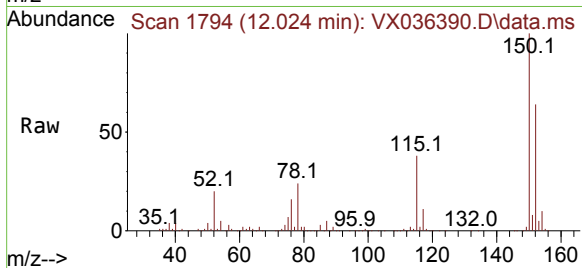




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036390.D
Acq: 30 Jun 2023 13:26

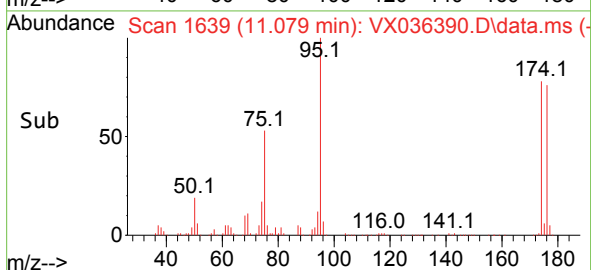
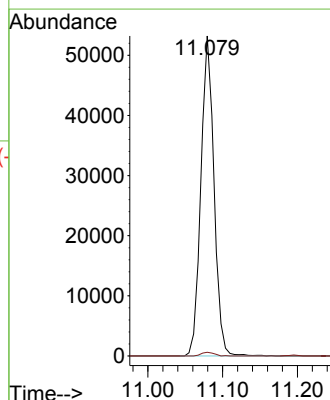
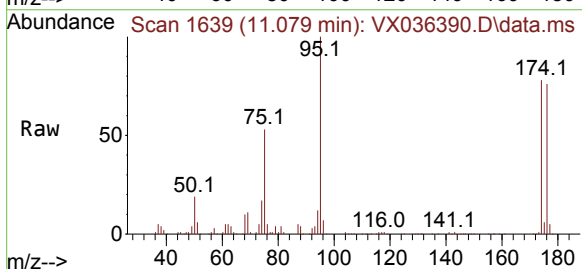
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

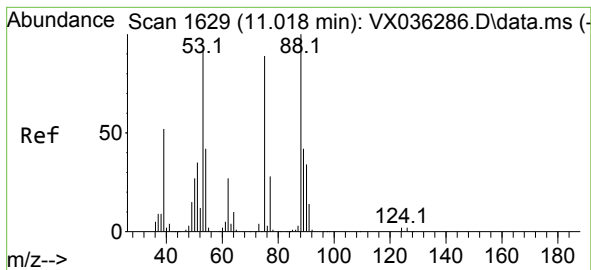
Tgt Ion:152 Resp: 120420
Ion Ratio Lower Upper
152 100
115 60.2 43.3 129.9
150 152.7 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 25.220 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036390.D
Acq: 30 Jun 2023 13:26

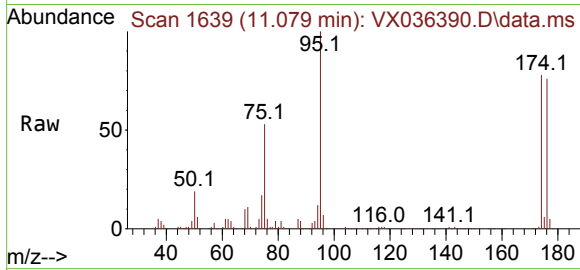
Tgt Ion: 75 Resp: 64780
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.211 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036390.D
 Acq: 30 Jun 2023 13:26

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5



Tgt Ion: 75 Resp: 64780
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

